

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S159	1	("4801845").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/02 14:37
S158	1	("4918352").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/02 14:37
S157	6	shade with ((vis visible) with (uv. u/c. ultra\$ violet ultraviolet) with (infrar\$4 infrared (below near2 red))) with (block\$4 transmit\$4 filter\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 14:29
S156	0	(bulb lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel).ab. and shade with ((vis visible) with (uv.u/c. ultra\$ violet ultraviolet) with (infrar\$4 infrared (below near2 red))) with (block\$4 transmit\$4 filter\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 14:15
S149	139	(bulb lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel).ab. and ((vis visible) with (uv.u/c. ultra\$ violet ultraviolet) with (infrar\$4 infrared (below near2 red))) with (block\$4 transmit\$4 filter\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 14:14
S155	9	("4958263"   "5243501"   "5488546"   "5660462"   "5700084"   "5967647").PN. OR ("6601980").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 14:11
S154	19	("5107405"   "5113330"   "5130904"   "5132881"   "5180218").PN. OR ("5243501").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 14:09
S153	9	("4958263"   "5243501"   "5488546"   "5660462"   "5700084"   "5967647").PN. OR ("6601980").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 14:05
S152	2	09/783028	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 14:05
S151	2	((("5525856") or ("20010019482"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/02 14:05
S150	1	10/521852	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 13:52



## EAST Search History

S14 8	1078	(bulb lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and ((vis visible) with (uv. u/c. ultra\$violet ultraviolet) with (infrar\$4 infrared (below near2 red))) with (block\$4 transmit\$4 filter\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 13:35
S14 7	1201	(bulb lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and ((vis visible) with (uv. u/c. ultra\$violet ultraviolet) with (infrar\$4 infrared (below near2 red))) with (block\$4 transmit\$4 filter\$4 permit\$4 permeab\$4 prevent\$4 passag\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 13:35
S14 6	27	(bulb lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and screen with (cold near3 mirror)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 13:32
S14 5	76	((bulb lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) with (halogen)).ab. and (gas near3 discharge)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 13:30
S14 4	11043	(bulb lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) with (halogen) with (light near3 source)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 12:44
S14 3	12031	(bulb lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (halogen) with (light near3 source)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 12:43
S14 1	12	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (high low) with beam and (dual near3 incandescent near3 filament)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 12:42
S14 2	1	("5143445").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/02 12:39
S14 0	43	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (dual near3 incandescent near3 filament)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 12:26
S13 9	223	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (cold near3 mirror)	EPO; JPO; DERWENT	OR	ON	2006/09/02 12:25



## EAST Search History

S13 8	30	("3842306"   "3868266"   "3986997"   "4042727"   "4171227"   "4275118"   "4450255"   "4459506"   "4500669"   "4571365"   "4710677"   "4833576"   "4949005"   "4983001"   "5035745"   "5036244"   "5051650"   "5113109"   "5138219"   "5143445").PN. OR ("5723937").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 12:06
S13 7	5	S136 and (cold near3 mirror)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 12:02
S13 6	16	("4398130"   "4401912"   "4598348"   "4757236"   "4791333"   "4803404"   "4918352"   "5041755"   "5122706"   "5143445"   "5587626"   "5646472"   "5676579"   "5723937"   "5745291"   "5982078").PN. OR ("6462465"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 12:02
S13 5	41	("3174067"   "3188513"   "3944320"   "4663557"   "4829210"   "4838629"   "4839553"   "4854670").PN. OR ("5177396"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 11:56
S13 4	3	S133 and (cold near3 mirror)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 11:54
S13 3	983	(313/25).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/02 11:54
S13 2	16	("4398130"   "4401912"   "4598348"   "4757236"   "4791333"   "4803404"   "4918352"   "5041755"   "5122706"   "5143445"   "5587626"   "5646472"   "5676579"   "5723937"   "5745291"   "5982078").PN. OR ("6462465"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 11:54
S13 1	44	("2552185"   "3288989"   "3627974"   "4021659"   "4315186"   "4420801"   "4604680"   "4663557"   "4701663"   "4775203"   "4785383"   "4833576"   "4839553"   "4870318"   "4983001").PN. OR ("5143445").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/02 11:46
S13 0	1	("5143445").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/02 11:46



## EAST Search History

S12 9	1	("6384535").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/02 11:46
S12 8	1	10/521852	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/01 14:02
S12 7	1	("6586868").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 14:31
S12 6	52	(vis visible) same (uv.u/c. ultra\$ violet ultraviolet) same (infrar\$4 infrared (below near2 red)) and (bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and (313/112.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 14:31
S12 5	1	(vis visible) same (uv.u/c. ultra\$ violet ultraviolet) same (infrar\$4 infrared (below near2 red)) and (bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and S117	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 14:22
S11 8	19	(dual two double) near3 (incandescen\$4) and (bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and S117	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 14:18
S12 4	1	("5111105").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 14:17
S12 3	11	"5111105"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 14:17
S12 2	27	(high near2 beam) same (low near2 beam) and (vis visible) same (uv. u/c. ultra\$ violet ultraviolet) same (infrar\$4 infrared (below near2 red)) same (bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 14:17
S12 1	306	(incandescen\$4) same (bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and S116	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 14:11
S12 0	1122	(bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and S116	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 13:58



## EAST Search History

S11 9	26	(dual two double) near3 (incandescen\$4) and (bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel) and S116	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 13:58
S11 7	245	(313/115).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 13:54
S11 6	1608	(313/112).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 13:54
S11 5	1	("5525856").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 13:54
S11 2	472	(dual two double) near3 (incandescen\$4) and (bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel). ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 13:54
S11 4	1	("5111105").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 13:43
S11 3	260	(313/580).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 13:42
S11 1	1148	(dual two double) near3 (incandescen\$4) and (bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 13:24
S11 0	1184	(dual two double) near3 (incandescen\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 13:23
S10 9	13	("3908144"   "4160929"   "4275327"   "4285032"   "4311940"   "4480296"   "4652789"   "4710676"   "5253153"   "5506471"   "5550423").PN. OR ("5962973"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 13:19
S3	0	(S1 S2) and (dual near filament)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 13:13
S10 8	1	("5962973").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 13:12
S10 7	7	cold near3 mirror with shield and (lamp vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 13:12



## EAST Search History

S106	12	("4907029"   "5109181"   "5196759"   "5207505"   "5214345").PN. OR ("6108126").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 13:10
S105	1	("6108126").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 12:48
S104	1	("6384535").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 12:48
S103	223	cold near3 mirror and (bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel)	EPO; JPO; DERWENT	OR	ON	2006/08/28 11:38
S102	1469	cold near3 mirror and (bulb arc tube lamp arc\$tube (arc near3 tube) discharge\$lamp envelop\$4 vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 11:17
S101	1	09/382744	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 11:17
S100	10	("4047805"   "4556599"   "4649462"   "5146130"   "5169229"   "5646780"   "5687185"   "5719468"   "5923471").PN. OR ("6331914").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:56
S99	16	("4398130"   "4401912"   "4598348"   "4757236"   "4791333"   "4803404"   "4918352"   "5041755"   "5122706"   "5143445"   "5587626"   "5646472"   "5676579"   "5723937"   "5745291"   "5982078").PN. OR ("6462465").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:54
S98	9	("4229066"   "5138219"   "5143445"   "5552671"   "5705882"   "5923471"   "5982078"   "6331914"   "6441541").PN. OR ("6534903").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:53
S97	44	("2552185"   "3288989"   "3627974"   "4021659"   "4315186"   "4420801"   "4604680"   "4663557"   "4701663"   "4775203"   "4785383"   "4833576"   "4839553"   "4870318"   "4983001").PN. OR ("5143445").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:52
S96	1	09/525099	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:45



## EAST Search History

S95	16	("4398130"   "4401912"   "4598348"   "4757236"   "4791333"   "4803404"   "4918352"   "5041755"   "5122706"   "5143445"   "5587626"   "5646472"   "5676579"   "5723937"   "5745291"   "5982078").PN. OR ("6462465").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:45
S94	83	S93	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:43
S93	83	S88 S89 S90 S91 S92	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:42
S92	20	("4307315"   "5039912"   "5126619"   "5250872"   "5359255"   "5428261"   "5432399"   "5506474"   "5578892"   "5587626"   "5702179"   "5742114"   "5757110"   "6108126"   "6239539"   "6274973"   "6294861"   "6653764"   "6731076"   "6752524").PN. OR ("6894429").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:42
S91	16	("4229066"   "4375605"   "4535269"   "4710677"   "4794297"   "4942331"   "4949005"   "5017839"   "5045748"   "5506471"   "5587626"   "5660462"   "5670840"   "5708328"   "6225731"   "6239550").PN. OR ("6967443").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:42
S90	37	("1262395"   "1998967"   "2158561"   "3662203"   "4020377"   "4171498"   "4345178"   "4463277"   "4949005"   "5041755"   "5109181"   "5138219"   "5143445"   "5422534").PN. OR ("5587626").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:42
S89	5	("20010019482"   "4949005"   "5587626"   "5610469").PN. OR ("6710521").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:42
S88	10	("2945146" "20020063503" "20030209962" "3688147" "5525856" "5962973" "0511105" "6710363").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:42
S74	8	("4061946").PN. OR ("5619102").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:42
S87	1	10/521852	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:19



## EAST Search History

S86	0	("2002063503").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 10:19
S85	0	("2002063503").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 10:17
S84	0	"2002/063503"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:17
S83	0	"2002063503"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:17
S82	0	("2002063503").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 10:17
S81	0	("2002063503").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 10:16
S80	158	(absorb\$4 block\$4) near6 (white) same (infrared (below near2 red) IR.u/c.) and (lamp)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:16
S79	570	(filter\$4 absorb\$4 block\$4) near6 (white) same (infrared (below near2 red) IR.u/c.) and (lamp)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:05
S78	1066	(filter\$4 absorb\$4 block\$4) with (white) same (infrared (below near2 red) IR.u/c.) and (lamp)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:03
S77	12898	(filter\$4 absorb\$4 block\$4) with (white) and (lamp)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:02
S76	122	(filter\$4 shield\$4 block\$4 absorb\$4) with (white) same (transmit6 transmissive transmission permeable permeate penetrat\$4) with (infra\$4 infrared IR.u/c. (below near2 red))	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:01
S75	261	(incandescent near3 lamp) same (high near3 pressure near3 discharge near3 lamp)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 09:44
S73	6	("4421803"   "5012479"   "5578892"   "5619102"   "5965983").PN. OR ("6384535").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 09:35
S72	1	S71 and (iron near3 oxide) with (transmit with infrared)	US-PGPUB; USPAT	OR	ON	2006/08/28 09:27



## EAST Search History

S71	29	(US-20030209962-\$ or US-20020063503-\$ or US-20010019482-\$ or US-20050275349-\$ or US-20040245912-\$ or US-20050269925-\$ or US-20030039711-\$ or US-20040150334-\$ or US-20050285547-\$ or US-20050236996-\$ or US-20020015313-\$).did. or (US-5962973-\$ or US-5525856-\$ or US-3688147-\$ or US-2945146-\$ or US-6710521-\$ or US-5587626-\$ or US-6967443-\$ or US-6894429-\$ or US-6462465-\$ or US-6563255-\$ or US-6771024-\$ or US-4247799-\$ or US-5962971-\$ or US-6108126-\$ or US-5578892-\$ or US-5039912-\$ or US-4307315-\$ or US-6384535-\$). did.	US-PGPUB; USPAT	OR	ON	2006/08/28 09:27
S70	10	("5428261" "5506474" "5742114" "5757110" "6239539" "6274973" "6294861" "6653764" "6731076" "6752524").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 09:24
S69	14	("4171227" "4633127" "5107167" "5118985" "5177385").PN. OR ("5578892").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 09:24
S68	20	("4307315" "5039912" "5126619" "5250872" "5359255" "5428261" "5432399" "5506474" "5578892" "5587626" "5702179" "5742114" "5757110" "6108126" "6239539" "6274973" "6294861" "6653764" "6731076" "6752524").PN. OR ("6894429").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/26 12:09
S67	16	("4229066" "4375605" "4535269" "4710677" "4794297" "4942331" "4949005" "5017839" "5045748" "5506471" "5587626" "5660462" "5670840" "5708328" "6225731" "6239550").PN. OR ("6967443"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/26 12:07
S66	37	("1262395" "1998967" "2158561" "3662203" "4020377" "4171498" "4345178" "4463277" "4949005" "5041755" "5109181" "5138219" "5143445" "5422534").PN. OR ("5587626"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/26 12:05



## EAST Search History

S65	5	("20010019482"   "4949005"   "5587626"   "5610469").PN. OR ("6710521").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/26 11:59
S64	2	09/993510	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/26 11:59
S62	10	("2945146" "20020063503" "20030209962" "3688147" "5525856" "5962973" "0511105" "6710363").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/26 11:58
S63	1	10/521852	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/26 11:52